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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/520,262	01/05/2005	Jeong-Hwan Lee	21C-0177	5093
23413	7590	05/31/2007		
CANTOR COLBURN, LLP 55 GRIFFIN ROAD SOUTH BLOOMFIELD, CT 06002			EXAMINER TON, MINH TOAN T	
			ART UNIT 2871	PAPER NUMBER
			MAIL DATE 05/31/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/520,262	Applicant(s) JEONG HWAN LEE	
	Examiner Toan Ton	Art Unit 2871	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 04/02/07.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,2 and 5-9 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,2 and 5-9 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-2 and 5-9 are under 35 U.S.C. 103(a) as being unpatentable over Kitagawa et al (US 2002/0054262).

Kitagawa discloses a flat panel display device comprising: an image display part (LCD) for displaying an image by varying a voltage applied to electrodes (inherent features for LCD device) oppositely formed on inner surfaces of a pair of transparent facing substrate respectively to thereby turn on or off each pixel (inherent features for LCD device); and a protecting part (e.g., 12) disposed on an outer surface of the substrate perceived by user's eye for inherently protecting a surface of the image display part from an external shock or foreign matters.

A liquid crystal display device includes liquid crystal interposed between the pair of transparent facing substrate.

Kitagawa discloses the liquid crystal display device comprising a lower polarizing plate and an upper polarizing plate disposed respectively on a lower surface and an upper surface of the liquid crystal display panel for polarizing light (see at least col. 5, [0059]).

Kitagawa discloses the liquid crystal display device comprising the use of suitable optical layers such as a diffusing plate, an antiglare film, a protecting plate disposed at suitable locations (see at least col. 5, [0061]). Further, it would have been obvious to one of ordinary

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skill in the art at the time the invention was made to employ each polarizing plate comprising a protecting plate (as disclosed by Kitagawa) for achieving advantages such as protecting polarizing plate optically and mechanically.

Kitagawa discloses that the suitable optical layers can be integrated with the polarizing plate (see at least col. 5, [0062]). Further, forming elements integrally (e.g., a polarizing plate and a diffusing plate, a protecting layer and an antiglare film) is at least a common goal and known in the art for achieving advantages such as cost-reduction, thin display device. Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to employ the upper polarizing plate comprising glare and the protecting part comprising anti-glare, as disclosed by Kitagawa, and/or also known in the art (a common goal) for achieving advantages such as cost-reduction, thin display device.

Kitagawa discloses the flat panel display device comprising a protecting sheet (e.g., 12) adhered/laminated to/on the upper polarizing plate (e.g., 13).

Kitagawa discloses the flat panel display device comprising a phase compensating member (see at least col. 5, [0055]-[0057]) for inherently enhancing viewing angle or preventing light leakage at an edge portion of the liquid crystal display panel.

Response to Arguments

2. Applicant's arguments filed 04/02/07 have been fully considered but they are not persuasive.

Kitagawa discloses the liquid crystal display device comprising the use of suitable optical layers such as a diffusing plate, an antiglare film, a protecting plate disposed at suitable

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locations (see at least col. 5, [0061]). Further, it would have been obvious to one of ordinary skill in the art at the time the invention was made to employ each polarizing plate comprising a protecting plate (as disclosed by Kitagawa) for achieving advantages such as protecting polarizing plate optically and mechanically.

Kitagawa discloses a protecting part (e.g., 12) disposed on an outer surface of the substrate inherently perceived by user's eye for protecting a surface of the image display part from an external shock or foreign matters. The claimed invention and Kitagawa disclose similar structural limitation of the protecting part, and thus, the protecting part disposed on an outer surface of the substrate inherently perceived by user's eye for protecting a surface of the image display part from an external shock or foreign matters.

Contact Information

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan Ton whose telephone number is (571) 272-2303.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

May 29, 2007


TOAN TON
PRIMARY PATENT EXAMINER